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DATE: March 20, 2012

TO: Kelley Chase, EPA Region 3 OSC
Cynthia Caporale, EPA Region 3 OASQA

THROUGH: **Ex. 4 - CBI**, SERAS Program Manager
Ex. 4 - CBI SERAS QA/QC Officer

FROM: **Ex. 4 - CBI** QA/QC Chemist

SUBJECT: VERIFICATION/COMPLETENESS CHECK – DIMOCK, PA LABORATORY DATA
Test America-Validated Report-R33917 480-16217-1.PDF

INTRODUCTION

On March 20, 2012, a review of the case narratives and corresponding certificates of analysis from Test America Laboratory (Glycols Report Posted Mar. 15) was reviewed at the SERAS facility in accordance with the Follow-Up Verification/Completeness Check agreed upon during our teleconference on Wednesday 2/8/12.

The assumptions for this review include the following: 1) Case narratives from the Regional labs and/or subcontract labs have been reviewed in accordance with Regional or Environmental Services Assessment Team (ESAT) protocols and contain all pertinent and complete information to conduct the completeness check. SERAS will base this review on the information provided by the laboratory and not on an actual data package; and 2) SERAS will relay any “red” flags to the EPA R3 personnel to resolve and determine data usability.

OBSERVATIONS

In accordance with Table 1 – Field and QC Sampling Summary (Rev01 - 2/3/12), Table 2 – Sample Analytical Requirements Summary (Rev01 – 2/3/12), Methods for Groundwater and Surface Water Samples and SW-846 8015B, the following observations were noted and need to be clarified/resolved.

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1. The holding times were checked from the time of collection on the chain of custody (COC) to the time of analysis on the analysis log sheet. Holding time review was based on a 14 day period. No additional qualifications are required.
2. Raw data was not provided, it is assumed that all sample detections were within the established retention time criteria and the stated concentrations in the LCS and MS/MSD tables are correct and pass their QC criteria. No additional qualifications are required.
3. A 4 point initial calibration was used by the laboratory instead of the recommended minimum of 5 points. No additional qualifications are required.
4. The field blank associated with the samples taken on 2/13/12 was included in Test America data package R33917 480-16102. No additional qualifications are required.
5. Ethylene glycol failed the percent difference criteria (%D) for the continuing calibration (CCV 480-51962/34). Ethylene glycol was not detected in the associated samples. Data not affected. No additional qualifications are required.

cc: **Ex. 4 - CBI** SERAS Project Officer
WAM
RT WAM
SERAS Task Leader

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